

## EAST Search History

| Ref # | Hits    | Search Query                                                                                                                 | DBs                | Default Operator | Plurals | Time Stamp                           |
|-------|---------|------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------|---------|--------------------------------------|
| L1    | 447     | Access adj point and signal adj strength<br>(signal with strength).clm. and ((C/I).clm. or (channel with interference).clm.) | US-PGPUB;<br>USPAT | OR               | ON      | 2002/10/16 14:11<br>2007/06/20 11:29 |
| L2    | 3214944 | @AD<="19990730" or @prad<="19990730" or @rlad<="19990730"                                                                    | US-PGPUB;<br>USPAT | OR               | ON      | 2007/06/20 11:27                     |
| L3    | 171     | 1 and 2                                                                                                                      | US-PGPUB;<br>USPAT | OR               | ON      | 2007/06/20 11:27                     |
| L4    | 609     | ((signal with strength) or RSSI or SNR).clm. and ((C/I).clm. or (channel with interference).clm.)                            | US-PGPUB;<br>USPAT | OR               | ON      | 2007/06/20 11:29                     |
| S1    | 4       | 370/338,332.ccls. and fixed with broadband with wireless                                                                     | US-PGPUB;<br>USPAT | OR               | ON      | 2004/01/05 10:58                     |
| S2    | 0       | 370/338,332.ccls. and fixed adj wireless adj broadband adj access                                                            | US-PGPUB;<br>USPAT | OR               | ON      | 2003/11/11 15:19                     |
| S3    | 0       | 370/338,332.ccls. and fixed adj wireless adj broadband adj access                                                            | US-PGPUB;<br>USPAT | OR               | ON      | 2002/10/15 14:03                     |
| S4    | 0       | fixed adj wireless adj broadband adj access                                                                                  | US-PGPUB;<br>USPAT | OR               | ON      | 2002/10/15 14:03                     |
| S5    | 0       | fixed adj wireless adj broadband adj access                                                                                  | US-PGPUB;<br>USPAT | OR               | ON      | 2002/10/15 14:04                     |
| S6    | 19      | fixed adj wireless adj broadband                                                                                             | US-PGPUB;<br>USPAT | OR               | ON      | 2002/10/21 12:06                     |
| S7    | 63      | fixed adj wireless with broadband                                                                                            | US-PGPUB;<br>USPAT | OR               | ON      | 2002/10/15 14:31                     |
| S8    | 2       | signal adj strength adj measurement and channel adj interference and fixed adj wireless                                      | US-PGPUB;<br>USPAT | OR               | ON      | 2002/10/15 15:35                     |
| S9    | 199     | signal adj strength adj measurement and channel adj interference                                                             | US-PGPUB;<br>USPAT | OR               | ON      | 2002/10/15 15:48                     |
| S10   | 10      | signal adj strength adj measurement and channel adj interference and broadband and wireless                                  | US-PGPUB;<br>USPAT | OR               | ON      | 2002/10/15 15:45                     |
| S11   | 0       | signal adj strength adj measurement and channel adj interference and WLAN                                                    | US-PGPUB;<br>USPAT | OR               | ON      | 2002/10/15 15:49                     |
| S12   | 2       | signal adj strength adj measurement and channel adj interference and wireless adj LAN                                        | US-PGPUB;<br>USPAT | OR               | ON      | 2002/10/15 15:51                     |

## EAST Search History

|     |      |                                                                               |                 |    |    |                  |
|-----|------|-------------------------------------------------------------------------------|-----------------|----|----|------------------|
| S13 | 0    | signal adj strength adj measurement and channel adj interference and "802.11" | US-PGPUB; USPAT | OR | ON | 2002/10/16 13:55 |
| S14 | 36   | Wireless adj LAN and signal adj strength and channel and broadband            | US-PGPUB; USPAT | OR | ON | 2002/10/15 16:05 |
| S15 | 189  | Wireless adj LAN and signal adj strength and channel                          | US-PGPUB; USPAT | OR | ON | 2002/10/16 14:10 |
| S16 | 1094 | signal adj strength and channel adj interference                              | US-PGPUB; USPAT | OR | ON | 2002/10/16 13:58 |
| S17 | 6043 | Access adj point                                                              | US-PGPUB; USPAT | OR | ON | 2002/10/16 14:11 |
| S18 | 137  | "370"/\$.cccls. and signal adj strength and access adj point                  | US-PGPUB; USPAT | OR | ON | 2002/10/16 14:15 |
| S19 | 63   | Wireless adj LAN and signal adj strength and channel and access adj point     | US-PGPUB; USPAT | OR | ON | 2002/10/16 14:30 |
| S20 | 349  | signal adj strength and access adj point                                      | US-PGPUB; USPAT | OR | ON | 2002/10/16 14:31 |
| S21 | 0    | "6377782".pn. and satellite and cable and antenna                             | US-PGPUB; USPAT | OR | ON | 2002/10/21 12:06 |
| S22 | 0    | "6377782".pn. and satellite                                                   | US-PGPUB; USPAT | OR | ON | 2002/10/21 12:06 |
| S23 | 4    | fixed adj wireless adj broadband and satellite                                | US-PGPUB; USPAT | OR | ON | 2002/10/21 12:07 |
| S24 | 48   | wireless adj broadband and satellite                                          | US-PGPUB; USPAT | OR | ON | 2002/10/21 12:11 |
| S25 | 39   | wireless adj broadband and satellite and antenna                              | US-PGPUB; USPAT | OR | ON | 2002/10/21 12:11 |
| S26 | 0    | "69377782".pn. and cable adj modem                                            | US-PGPUB; USPAT | OR | ON | 2002/10/22 16:57 |
| S27 | 0    | "6374311".pn. and cable adj modem                                             | US-PGPUB; USPAT | OR | ON | 2002/10/22 16:57 |
| S28 | 0    | "6356537".pn. and cable adj modem                                             | US-PGPUB; USPAT | OR | ON | 2002/10/22 16:57 |
| S29 | 1    | "5930247".pn. and cable adj modem                                             | US-PGPUB; USPAT | OR | ON | 2002/10/22 16:57 |
| S30 | 209  | fixed with broadband with wireless                                            | US-PGPUB; USPAT | OR | ON | 2003/10/10 10:00 |
| S31 | 6    | fixed with broadband with wireless and wireless adj LAN and @ad<="19990730"   | US-PGPUB; USPAT | OR | ON | 2003/10/10 10:14 |
| S32 | 247  | "802.11" and @ad<="19990730"                                                  | US-PGPUB; USPAT | OR | ON | 2003/10/10 10:14 |

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|     |        |                                                                                      |                      |    |    |                  |
|-----|--------|--------------------------------------------------------------------------------------|----------------------|----|----|------------------|
| S33 | 110    | "802.11" and cross\$5 and @ad<="19990730"                                            | US-PGPUB; USPAT      | OR | ON | 2003/10/10 10:14 |
| S34 | 16     | "802.11" and cross\$5 and signal adj strength and @ad<="19990730"                    | US-PGPUB; USPAT      | OR | ON | 2003/10/10 10:16 |
| S35 | 43     | "802.11" and signal adj strength and @ad<="19990730"                                 | US-PGPUB; USPAT      | OR | ON | 2003/10/10 10:52 |
| S36 | 235    | access adj point and signal adj strength and @ad<="19990730"                         | US-PGPUB; USPAT      | OR | ON | 2003/10/10 10:52 |
| S37 | 29     | access adj point and signal adj strength and outdoor and @ad<="19990730"             | US-PGPUB; USPAT      | OR | ON | 2003/10/10 10:55 |
| S38 | 200    | access adj point and signal adj strength and radio and @ad<="19990730"               | US-PGPUB; USPAT      | OR | ON | 2003/10/10 11:19 |
| S39 | 71     | access adj point and satellite and signal adj strength and radio and @ad<="19990730" | US-PGPUB; USPAT      | OR | ON | 2003/10/10 11:22 |
| S40 | 76     | access adj point and satellite and signal adj strength and @ad<="19990730"           | US-PGPUB; USPAT      | OR | ON | 2003/10/10 11:30 |
| S41 | 579    | access adj point and satellite and @ad<="19990730"                                   | US-PGPUB; USPAT      | OR | ON | 2003/10/10 11:31 |
| S42 | 119    | access adj point and cable adj modem and @ad<="19990730"                             | US-PGPUB; USPAT      | OR | ON | 2003/10/10 11:49 |
| S43 | 4      | fixed with broadband with wireless with LAN \and @ad<="19990730"                     | US-PGPUB; USPAT      | OR | ON | 2003/10/10 11:49 |
| S44 | 4      | fixed with broadband with wireless with LAN and @ad<="19990730"                      | US-PGPUB; USPAT      | OR | ON | 2003/10/10 11:52 |
| S45 | 3187   | intergrat\$3 fixed with broadband with wireless with LAN and @ad<="19990730"         | US-PGPUB; USPAT      | OR | ON | 2003/10/10 11:53 |
| S46 | 0      | intergrat\$3 with fixed with broadband with wireless with LAN and @ad<="19990730"    | US-PGPUB; USPAT      | OR | ON | 2003/10/10 11:53 |
| S47 | 0      | intergrat\$3 with broadband with wireless with LAN and @ad<="19990730"               | US-PGPUB; USPAT      | OR | ON | 2003/10/10 11:53 |
| S48 | 4      | integrat\$3 with broadband with wireless with LAN and @ad<="19990730"                | US-PGPUB; USPAT      | OR | ON | 2003/10/10 11:56 |
| S49 | 4      | integrat\$3 with broadband with wireless with LAN and @ad<="19990730"                | US-PGPUB; USPAT; EPO | OR | ON | 2003/10/10 11:56 |
| S50 | 688017 | integrat\$3 wireless with LAN and @ad<="19990730"                                    | US-PGPUB; USPAT; EPO | OR | ON | 2003/10/10 11:57 |

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|     |      |                                                                                                   |                            |    |    |                  |
|-----|------|---------------------------------------------------------------------------------------------------|----------------------------|----|----|------------------|
| S51 | 77   | integrat\$3 with wireless with LAN and @ad<="19990730"                                            | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2003/10/10 11:58 |
| S52 | 283  | cellular with wireless with LAN and @ad<="19990730"                                               | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2003/10/10 12:02 |
| S53 | 59   | cdpd and wireless adj LAN and @ad<="19990730"                                                     | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2003/10/10 12:02 |
| S54 | 54   | 370/333.ccls. and @ad<="19990730"                                                                 | US-PGPUB;<br>USPAT         | OR | ON | 2003/10/27 15:53 |
| S55 | 23   | 370/333.ccls. and @ad<="19990730" and signal adj strength                                         | US-PGPUB;<br>USPAT         | OR | ON | 2003/10/27 16:25 |
| S56 | 116  | "370"/\$.ccls. and @ad<="19990730" and signal adj strength and dB and BER                         | US-PGPUB;<br>USPAT         | OR | ON | 2003/10/27 16:27 |
| S57 | 93   | "370"/\$.ccls. and @ad<="19990730" and signal adj strength and dB and BER and (handoff or switch) | US-PGPUB;<br>USPAT         | OR | ON | 2003/10/27 16:27 |
| S58 | 284  | 370/338,332,347,348.ccls. and wireless adj LAN                                                    | US-PGPUB;<br>USPAT         | OR | ON | 2007/06/20 11:25 |
| S59 | 85   | 370/338,332,347,348.ccls. and access adj point and radio and modem                                | US-PGPUB;<br>USPAT         | OR | ON | 2003/11/11 15:20 |
| S60 | 32   | 370/338,332,347,348.ccls. and access adj point and radio and modem and @ad<="19990730"            | US-PGPUB;<br>USPAT         | OR | ON | 2004/12/29 14:24 |
| S61 | 82   | 370/338,332,347,348.ccls. and LAN and radio and modem and @ad<="19990730"                         | US-PGPUB;<br>USPAT         | OR | ON | 2003/11/11 15:35 |
| S62 | 3    | access adj point and broadband adj radio and @ad<="19990730"                                      | US-PGPUB;<br>USPAT         | OR | ON | 2003/11/11 15:38 |
| S63 | 1074 | broadband adj network and @ad<="19990730"                                                         | US-PGPUB;<br>USPAT         | OR | ON | 2003/11/11 15:38 |
| S64 | 397  | broadband adj network and LAN and @ad<="19990730"                                                 | US-PGPUB;<br>USPAT         | OR | ON | 2003/11/11 15:38 |
| S65 | 85   | broadband adj network and access adj point and @ad<="19990730"                                    | US-PGPUB;<br>USPAT         | OR | ON | 2004/12/27 11:01 |
| S66 | 1069 | "370"/\$.ccls. and access adj point and @ad<="19990730"                                           | US-PGPUB;<br>USPAT         | OR | ON | 2004/01/02 13:48 |
| S67 | 130  | "370"/\$.ccls. and access adj point and LAN and broadband and @ad<="19990730"                     | US-PGPUB;<br>USPAT         | OR | ON | 2004/01/02 13:49 |

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|     |      |                                                                                                    |                    |    |     |                  |
|-----|------|----------------------------------------------------------------------------------------------------|--------------------|----|-----|------------------|
| S68 | 59   | "370"/\$.ccls. and access adj point and Radio and LAN and broadband and @ad<="19990730"            | US-PGPUB;<br>USPAT | OR | ON  | 2004/01/02 14:25 |
| S69 | 2    | "370"/\$.ccls. and access adj point and Radio and LAN and broadband and ad-hoc and @ad<="19990730" | US-PGPUB;<br>USPAT | OR | ON  | 2004/01/02 14:26 |
| S70 | 33   | "370"/\$.ccls. and access adj point and ad-hoc and @ad<="19990730"                                 | US-PGPUB;<br>USPAT | OR | ON  | 2004/01/02 14:28 |
| S71 | 55   | "370"/\$.ccls. and access adj point and "ad hoc" and @ad<="19990730"                               | US-PGPUB;<br>USPAT | OR | ON  | 2004/01/02 14:31 |
| S72 | 14   | "370"/\$.ccls. and PCMCIA and "ad hoc" and @ad<="19990730"                                         | US-PGPUB;<br>USPAT | OR | ON  | 2004/01/02 14:44 |
| S73 | 0    | "370"/\$.ccls. and PCMCIA with "ad hoc" and @ad<="19990730"                                        | US-PGPUB;<br>USPAT | OR | ON  | 2004/01/02 14:36 |
| S74 | 0    | PCMCIA with "ad hoc" and @ad<="19990730"                                                           | US-PGPUB;<br>USPAT | OR | ON  | 2007/06/20 11:26 |
| S75 | 91   | PCMCIA and "ad hoc" and @ad<="19990730"                                                            | US-PGPUB;<br>USPAT | OR | ON  | 2004/01/02 14:41 |
| S76 | 2635 | "ad hoc" and @ad<="19990730"                                                                       | US-PGPUB;<br>USPAT | OR | ON  | 2004/01/02 14:41 |
| S77 | 4    | "370"/\$.ccls. and DSSS and PCMCIA and "ad hoc" and @ad<="19990730"                                | US-PGPUB;<br>USPAT | OR | ON  | 2004/01/02 14:44 |
| S78 | 183  | access adj point and RSSI                                                                          | US-PGPUB;<br>USPAT | OR | ON  | 2004/01/05 10:58 |
| S79 | 62   | access adj point and RSSI and @ad<="19990730"                                                      | US-PGPUB;<br>USPAT | OR | ON  | 2004/01/05 10:59 |
| S80 | 1    | "6628627".pn.                                                                                      | US-PGPUB;<br>USPAT | OR | OFF | 2004/12/27 10:02 |
| S81 | 47   | broadband adj network and access adj point and satellite and @ad<="19990730"                       | US-PGPUB;<br>USPAT | OR | ON  | 2004/12/27 11:05 |
| S82 | 1    | broadband adj network and satellite and WLAN and @ad<="19990730"                                   | US-PGPUB;<br>USPAT | OR | ON  | 2004/12/27 11:04 |
| S83 | 153  | broadband adj network and LAN and satellite and @ad<="19990730"                                    | US-PGPUB;<br>USPAT | OR | ON  | 2004/12/27 11:11 |
| S84 | 3558 | LAN and satellite and @ad<="19990730"                                                              | US-PGPUB;<br>USPAT | OR | ON  | 2004/12/27 11:11 |
| S85 | 525  | wireless with LAN and satellite and @ad<="19990730"                                                | US-PGPUB;<br>USPAT | OR | ON  | 2004/12/27 11:11 |
| S86 | 96   | wireless with LAN and satellite and broadband and @ad<="19990730"                                  | US-PGPUB;<br>USPAT | OR | ON  | 2004/12/27 11:23 |
| S87 | 732  | Building with building with wireless and @ad<="19990730"                                           | US-PGPUB;<br>USPAT | OR | ON  | 2004/12/27 11:23 |

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|          |    |                                                                                                                       |                 |    |    |                  |
|----------|----|-----------------------------------------------------------------------------------------------------------------------|-----------------|----|----|------------------|
| S88      | 23 | Building with building with wireless and WLAN and @ad<="19990730"                                                     | US-PGPUB; USPAT | OR | ON | 2004/12/27 11:27 |
| S89      | 5  | first with transmission with protocol and WLAN and @ad<="19990730"                                                    | US-PGPUB; USPAT | OR | ON | 2004/12/27 11:30 |
| S90      | 2  | remote with building and in with building and WLAN and @ad<="19990730"                                                | US-PGPUB; USPAT | OR | ON | 2004/12/27 11:39 |
| S91      | 0  | remote with building and protocol with different and WLAN and @ad<="19990730"                                         | US-PGPUB; USPAT | OR | ON | 2004/12/27 11:39 |
| S92      | 21 | protocol with different and WLAN and @ad<="19990730"                                                                  | US-PGPUB; USPAT | OR | ON | 2004/12/27 11:45 |
| S93      | 0  | fixed with broadband and WLAN and @ad<="19990730"                                                                     | US-PGPUB; USPAT | OR | ON | 2004/12/27 11:45 |
| S94      | 11 | broadband and WLAN and @ad<="19990730"                                                                                | US-PGPUB; USPAT | OR | ON | 2004/12/27 11:47 |
| S95      | 0  | FWBA and @ad<="19990730"                                                                                              | US-PGPUB; USPAT | OR | ON | 2006/12/18 09:05 |
| S96      | 98 | wireless with broadband with access and @ad<="19990730"                                                               | US-PGPUB; USPAT | OR | ON | 2004/12/27 12:01 |
| S97      | 20 | wireless with cable and WLAN and @ad<="19990730"                                                                      | US-PGPUB; USPAT | OR | ON | 2004/12/27 12:06 |
| S98      | 0  | broadband with wireless with channel and WLAN and @ad<="19990730"                                                     | US-PGPUB; USPAT | OR | ON | 2004/12/27 12:07 |
| S99      | 79 | broadband with wireless with channel and @ad<="19990730"                                                              | US-PGPUB; USPAT | OR | ON | 2004/12/27 12:08 |
| S10<br>0 | 12 | broadband with wireless with channel and "802.11" and @ad<="19990730"                                                 | US-PGPUB; USPAT | OR | ON | 2004/12/27 12:10 |
| S10<br>1 | 0  | integrat\$4 with broadband with WLAN and @ad<="19990730"                                                              | US-PGPUB; USPAT | OR | ON | 2004/12/27 12:11 |
| S10<br>2 | 0  | integrat\$4 with satellite with WLAN and @ad<="19990730"                                                              | US-PGPUB; USPAT | OR | ON | 2004/12/27 12:11 |
| S10<br>3 | 8  | satellite with WLAN and @ad<="19990730"                                                                               | US-PGPUB; USPAT | OR | ON | 2004/12/27 12:11 |
| S10<br>4 | 9  | integrat\$4 with WLAN and @ad<="19990730"                                                                             | US-PGPUB; USPAT | OR | ON | 2004/12/27 12:20 |
| S10<br>5 | 0  | satellite with transmission with protocol and WLAN with transmission with protocol and @ad<="19990730"                | US-PGPUB; USPAT | OR | ON | 2004/12/27 12:21 |
| S10<br>6 | 0  | (broadband or satellite) with transmission with protocol and WLAN with transmission with protocol and @ad<="19990730" | US-PGPUB; USPAT | OR | ON | 2004/12/27 12:21 |

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|          |         |                                                                                                                           |                    |    |     |                  |
|----------|---------|---------------------------------------------------------------------------------------------------------------------------|--------------------|----|-----|------------------|
| S10<br>7 | 322     | (broadband or satellite) with transmission with protocol and @ad<="19990730"                                              | US-PGPUB;<br>USPAT | OR | ON  | 2004/12/27 12:22 |
| S10<br>8 | 12      | (broadband or satellite) with transmission with protocol and (AP or WLAN or "802.11") and @ad<="19990730"                 | US-PGPUB;<br>USPAT | OR | ON  | 2004/12/27 12:25 |
| S10<br>9 | 0       | (broadband or satellite) with transmission with protocol with different with (AP or WLAN or "802.11") and @ad<="19990730" | US-PGPUB;<br>USPAT | OR | ON  | 2004/12/27 12:25 |
| S11<br>0 | 0       | (broadband or satellite) with protocol with different with (AP or WLAN or "802.11") and @ad<="19990730"                   | US-PGPUB;<br>USPAT | OR | ON  | 2004/12/27 12:25 |
| S11<br>1 | 7       | (broadband or satellite) with protocol with (AP or WLAN or "802.11") and @ad<="19990730"                                  | US-PGPUB;<br>USPAT | OR | ON  | 2004/12/27 12:29 |
| S11<br>2 | 51      | (broadband or satellite) with uses with protocol and @ad<="19990730"                                                      | US-PGPUB;<br>USPAT | OR | ON  | 2004/12/27 12:29 |
| S11<br>3 | 20      | RSSI and BER and switch\$3 with protocol and @ad<="19990730"                                                              | US-PGPUB;<br>USPAT | OR | ON  | 2004/12/29 14:26 |
| S11<br>4 | 435     | first with channel with protocol and second with channel with protocol and @ad<="19990730"                                | US-PGPUB;<br>USPAT | OR | ON  | 2004/12/29 14:28 |
| S11<br>5 | 56      | signal with strength and first with channel with protocol and second with channel with protocol and @ad<="19990730"       | US-PGPUB;<br>USPAT | OR | ON  | 2004/12/29 14:29 |
| S11<br>6 | 1       | "6654344".pn.                                                                                                             | USPAT              | OR | OFF | 2006/12/18 08:15 |
| S11<br>7 | 3205188 | @ad<="19990730" or @prad<="19990730" or @rlad<="19990730"                                                                 | US-PGPUB;<br>USPAT | OR | ON  | 2006/12/18 09:06 |
| S11<br>8 | 18599   | first with protocol with second                                                                                           | US-PGPUB;<br>USPAT | OR | ON  | 2006/12/18 09:07 |
| S11<br>9 | 6557    | S117 and S118                                                                                                             | US-PGPUB;<br>USPAT | OR | ON  | 2006/12/18 09:07 |
| S12<br>0 | 81      | multi-bridge                                                                                                              | US-PGPUB;<br>USPAT | OR | ON  | 2006/12/18 09:08 |
| S12<br>1 | 3       | S119 and S120                                                                                                             | US-PGPUB;<br>USPAT | OR | ON  | 2006/12/18 09:07 |
| S12<br>2 | 1273    | multi-access                                                                                                              | US-PGPUB;<br>USPAT | OR | ON  | 2006/12/18 09:08 |
| S12<br>3 | 0       | S120 and S122                                                                                                             | US-PGPUB;<br>USPAT | OR | ON  | 2006/12/18 09:08 |

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|          |     |                                     |                    |    |    |                  |
|----------|-----|-------------------------------------|--------------------|----|----|------------------|
| S12<br>4 | 29  | S119 and S122                       | US-PGPUB;<br>USPAT | OR | ON | 2006/12/18 09:14 |
| S12<br>5 | 526 | 370/338.ccls. and S117              | US-PGPUB;<br>USPAT | OR | ON | 2006/12/18 09:25 |
| S12<br>6 | 129 | 370/338.ccls. and S117 and building | US-PGPUB;<br>USPAT | OR | ON | 2006/12/18 09:27 |
| S12<br>7 | 39  | 370/338.ccls. and S117 and campus   | US-PGPUB;<br>USPAT | OR | ON | 2006/12/18 09:27 |